DECLARATION OF DERREN RODGERS

The Kongsberg AccuFit Intelligent Seating System, which is an embodiment of the invention claimed in USSN 10/009,050, incorporates a number of inflatable air cells that are constructed and installed near the surface of an automotive seat at locations that are strategic to the comfort of the user. These air cells are inflated and deflated in sequence to provide movement in the form of massage throughout the seat surface. The benefits of movement helps to create both improved comfort by reducing pressure points and provides a healthier sitting environment.

By including the AccuFit Intelligent Seating System, automobile manufactures are able to offer consumers a car seat that includes a number of expandable chambers that are each connected to both a pressure system and an exhaust system. The pressure system supplies fluid to the chambers and the exhaust system actively draws fluid from the chambers. A controller operates the pressure and exhaust systems according to multiple selectable predetermined massage control index sequences and allows an occupant to select any one of those sequences. When an occupant selects one of the sequences, the controller commands the pressure and exhaust systems to alternately produce an inflow of a fluid to each of the expandable chambers by providing fluid communication between selected ones of the expandable chambers and the pressure system and produce an outflow of fluid from each of the previously inflated expandable chambers by causing the exhaust system to actively draw fluid from those chambers.

This system has been commercially available from Kongsberg, and its predecessor in interest CTEX, for about 5 years. The commercial success of this feature is evidenced by the fact that, in that time, it has been purchased and implemented by General Motors, Cadillac, Bentley, Maserati, Land Rover, and Lancia.

Remove Bentley

D. Rodgers — 14/02/05

Derren Rodgers — Date

~~R&D Director~~ Product Development Manager

Kongsberg Automotive Ltd.